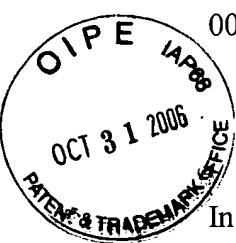


IFW



00005.001297

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Examiner: Not Yet Assigned  
TAKAO NAKAJIMA, ET AL. ) Group Art Unit: Not Yet Assigned  
Application No.: 10/584,633 )  
Filed: June 26, 2006 )  
For: THIAZOLE DERIVATIVES ) October 30, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the documents listed in the "Foreign documents" and "Other Documents" sections are also enclosed.

Documents A-C and G were cited in the International Search Report, copy enclosed. Documents A, B and G were also cited in the Written Opinion, a copy of which is enclosed as well. Documents D-F, H-Z, AA-AZ, BA and BB were cited at specification pages 2-3. Their relevance is discussed therein.

Also, for the Examiner's convenience, the chart below identifies these documents and their family member equivalents.

<u>Document No.</u>	<u>Family-Member Equivalent</u>	<u>Cited in</u>
JP 2002-302488	US 2004/0053973	International Search Report and Written Opinion
WO 03/62233	US 2005/0153977	International Search Report and Written Opinion
WO 03/39451	US 2005/0004134	International Search Report
WO 96/16650	US 5,856,347	Pages 2-3 of specification
WO 01/52847	US 6,596,744	Pages 2-3 of specification
WO 02/053161		
WO 01/53267	US 2003/0195231	Pages 2-3 of specification
WO 02/053156	US 2002/0119970	Pages 2-3 of specification
WO 03/000257	US 2004/0142988	Pages 2-3 of specification
WO 03/062215	US 2003/0158199	Pages 2-3 of specification
WO 03/062233	US 2005/0153977	Pages 2-3 of specification
WO 03/072554	US 2005/0090534	Pages 2-3 of specification
WO 03/075923	US 2005/0234116	Pages 2-3 of specification
WO 04/002481	US 6,649,641	Pages 2-3 of specification
WO 04/014884	US 2004/0038990	Pages 2-3 of specification
WO 04/041813	US 2004/0122016	Pages 2-3 of specification
WO 99/21555	US 6,436,966	Pages 2-3 of specification
JP 2001-114779	US 7,101,899	Pages 2-3 of specification
WO 00/14095	US 2004/0053982	Pages 2-3 of specification
WO 03/039451	US 2005/0004134	Pages 2-3 of specification
WO 02/03978	US 2003/0073728	Pages 2-3 of specification
WO 01/47935	US 6,965,033	Pages 2-3 of specification
WO 00/38666	US 6,756,360	Pages 2-3 of specification
WO 00/14095	US 6,489,476	Pages 2-3 of specification

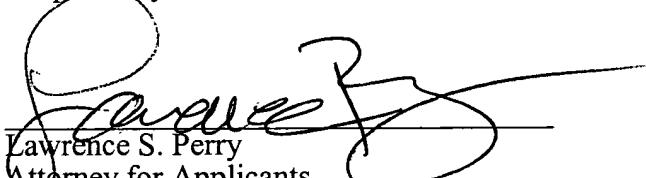
<u>Document No.</u>	<u>Family-Member Equivalent</u>
WO 05/039572	US 2006/0015494
WO 00/057877	US 6,414,011
WO 01/010865	US 6,962,933
WO 01/014372	US 6,605,629
WO 02/100433	US 2005/0080113
WO 02/059099	US 2004/0082626
WO 01/074811	US 2004/0053973
WO 04/071447	US 2004/0192743
EP 1 423 113	US 2003/0130296
WO 03/039529	2003/0105143

#### CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Lawrence S. Perry  
Attorney for Applicants  
Registration No. 31,865

FITZPATRICK, CELLA, HARPER & SCINTO  
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New York, New York 10112-3800  
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	2004/0053973	3/04	Ohkawa et al	514	342	
	B	2005/0153977	7/05	Sugasawa et al	514	254.02	
	C	2005/0004134	1/05	Tsutsumi et al	514	252.05	
	D	5,314,889	5/94	Boigegrain et al	514	253	
	E	5,856,347	1/99	Hashiguchi et al	514	390	
	F	6,596,744	7/03	Wagle et al.	514	365	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	G	WO 02/079204	10/02	PCT			Abstract
	H	2003-335680	11/03	Japan			Abstract
	I	2002-053566	2/02	Japan			Abstract
	J	11-209284	8/99	Japan			Abstract
	K	10-087490	4/98	Japan			Abstract
	L	WO 93/21168	10/93	PCT			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

M	Saldabol, et al., "Thiocyanation, Halogenation, Dehalogenation, Transhalogenation and Nitration of 2-Substituted 4-(2-furyl) Thiazoles", <i>Chemistry of Heterocyclic Compounds</i> , Vol. 38, No. 7 (2002), pages 873-881
N	<i>Khimiko-Farmatsevticheskii Zhurnal</i> , Vol. 8 (1974), pages 25-29
O	Closier, et al, "Nitrofuryl heterocyclics", <i>Journal of Medicinal Chemistry</i> , Vol. 13, No. 4 (1970), pages 638-640
P	Ya et al, "The bromination of 2-amino-and 2-acetylarnino-4-(2-furyl)-thiazoles", <i>Khimiya Geterotsiklicheskikh Soedinenii</i> , Vol. 5, No. 3 (1969), pages 498-500
Q	Sherman, et al, "4-(5-Nitro-2-furyl)thiazoles", <i>Journal of Organic Chemistry</i> , Vol. 27 (1962), pages 1351-1355

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<b>R</b>	2003/0195231	10/03	Takemoto et al	<b>514</b>	<b>332</b>	
	<b>S</b>	2002/0119970	8/02	Wagle et al	<b>514</b>	<b>227.8</b>	
	<b>T</b>	2004/0142988	7/04	Sugiyama et al	<b>514</b>	<b>365</b>	
	<b>U</b>	2003/0158199	8/03	Stieber et al	<b>514</b>	<b>242</b>	
	<b>V</b>	2005/0153977	7/05	Sugasawa et al	<b>514</b>	<b>254.02</b>	
	<b>W</b>	2005/0090534	4/05	Sakai et al	<b>514</b>	<b>365</b>	
	<b>X</b>	2005/0234116	10/05	Sugiyama, et al	<b>514</b>	<b>374</b>	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	<b>Y</b>	WO 97/03058	1/97	PCT			<b>Abstract</b>
	<b>Z</b>	WO 02/094798	11/02	PCT			<b>Abstract</b>
	<b>AA</b>	WO 99/64418	12/99	PCT			
	<b>AB</b>	WO 98/57937	12/98	PCT			
	<b>AC</b>	2000-302680	10/00	Japan			<b>Abstract</b>
	<b>AD</b>	05-345772	12/93	Japan			<b>Abstract</b>
	<b>AE</b>	WO 03/015777	2/03	PCT			
	<b>AF</b>	WO 02/094264	11/02	PCT			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)


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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)ATTY DOCKET NO.  
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AG	6,649,641	11/03	Behrens et al	514	381	
	AH	2004/0038990	2/04	Guba et al	514	255.05	
	AI	2004/0122016	6/04	Cao et al	514	252.05	
	AJ	6,436,966	8/02	Ohkawa et al	514	340	
	AK	7,101,899	9/06	Ohkawa et al	514	342	
	AL	2004/0053982	3/04	Press et al	514	370	
	AM	2005/0004134	1/05	Tsutsumi et al	514	252.05	
	AN	2003/0073728	4/03	van Poelje et al	514	369	
	AO	6,965,033	11/05	Jiang et al	548	119	
	AP	6,756,360	6/04	Erion et al	514	43	

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	AQ	<b>6,489,476</b>	<b>12/02</b>	<b>Dang et al</b>	<b>544</b>	<b>232</b>	
	AR	2006/0015494	1/06	Keating et al	707	6	
	AS	<b>6,414,011</b>	<b>7/02</b>	<b>Hogenkamp et al</b>	<b>514</b>	<b>406</b>	
	AT	<b>6,962,933</b>	<b>8/05</b>	<b>Ohkawa et al</b>	<b>514</b>	<b>340</b>	
	AU	<b>6,605,629</b>	<b>8/03</b>	<b>Momose et al</b>	<b>514</b>	<b>374</b>	
	AV	2005/0080113	4/05	Ohkawa et al	514	342	
	AW	2004/0082626	4/04	Takemoto et al	514	357	
	AX	2004/0053973	3/04	Ohkawa et al	514	342	
	AY	2004/0192743	9/04	Mjalli et al	514	365	
	AZ	2003/0130296	7/03	Bauer et al	514	275	
	BA	2003/0105143	6/03	Ammendola et al	514	357	
	BB	<b>5,189,049</b>	<b>2/93</b>	<b>Frehel et al.</b>	<b>514</b>	<b>371</b>	

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